MAGELLAN™

Wireless Expansion Module V1.0
Reference & Installation Manual

CE

MG-RCV3

ESPRIT+™

Stand-Alone System

PARADOX®
SECURITY SYSTEMS

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1.0 Introduction

This manual details how to connect, program and operate the Magellan wireless expansion module (MG-RCV3) when used in conjunction with an Esprit security system or as a stand-alone system.

When connected to an Esprit security system, the MG-RCV3 functions as an arm/disarm module, whereby up to eight Magellan remote controls (MG-REM1) can perform actions such as remote arming and disarming, communicating panic alarms and activating programmable outputs (PGMs). In stand-alone mode, the remote controls will only activate the four on-board PGMs.

1.1 Technical Specifications

- Di-pole antenna
- Error Correction Algorithm
- Compatibility: Any Magellan wireless transmitter
- Frequency: 433MHz or 868MHz
- Range (line of sight): Remote controls = 100m (300ft)
- Sensitivity: -120 dBm
- Current consumption: 50 mA
- Dimensions (no antenna): 15cm H x 16cm L x 3cm W (6in H x 6.5in L x 1.1in W)
- Operating temperature: 0°C to 49°C (32°F to 120°F)
- PGM outputs: 4 on-board PGM outputs:
  PGM1 and PGM2 - 150mA PGM transistor outputs
  PGM3 - form C relay output rated at 5A/28Vdc, N.O./N.C. (PGM4 optional)
- Programming keypad: Esprit 636 or 646 LED keypad

- Approvals: 433MHz

868MHz
Compliant to all EU and EFTA countries except Greece according to RTT&E directives.
868MHz version is not UL approved

Specifications may change without prior notice.

1.2 System Features

- Auto-Panel Recognition
- Supports up to 8 users
- Supports up to 8 Magellan remote controls (MG-REM1)
- 4 on-board programmable outputs (PGMs)
- On-board anti-tamper switch
- Stand-alone operation (trigger PGMs only) or in conjunction with an Esprit control panel (arm/disarm, panic alarms, PGM activation)
- Programming keypad (636, 646) connects directly to the MG-RCV3

2.0 Installation

The following sections detail how to mount and connect the MG-RCV3.

2.1 Location

The location of the MG-RCV3 affects its performance. In order to ensure the best possible signal reception, the following list of location criteria should be respected whenever possible:

- Select an installation site that is free of obstacles that reflect and absorb radio frequency (RF) signals, as well as interference that may distort signals. Avoid installation near or in the path of strong RF fields (i.e. neon lights, computers), on or near metal objects, circuit breaker boxes, air conditioners,

and heater ducts since they may cause interference and reduce the module's sensitivity

- Select a site that is not susceptible to drastic temperature changes
- Mount the MG-RCV3 as high as possible
- Avoid mounting the MG-RCV3 in the basement as the range of the module is reduced when mounted below ground level. However, if it is absolutely necessary to mount the module in the basement, mount the module as high and as close to the underside of the first floor as possible
- Mount the MG-RCV3 on a wall allowing at least 5cm (2in) around the module to permit adequate ventilation and heat dissipation

For the maximum allowable distance between the control panel and the MG-RCV3, refer to Figure 2.2 on page 6.

2.2 Noise Level Test

The MG-RCV3 performs a test on power-up that verifies the noise level in the surrounding environment. If the environment is too noisy, the module's RX LED will illuminate (refer to Figure 2.2 on page 6) and will remain illuminated until the module is powered up again. In such cases, power down the MG-RCV3, change its location, and then power up. Repeat this procedure until the module's RX LED no longer illuminates. If all possible mounting locations have been tested and the environment is still too noisy, be aware that the wireless system may not function properly.

2.3 Connections and Mounting

1. Using a screwdriver, remove the screw on the MG-RCV3's front cover and then remove the front cover.
2. Firmly screw the antenna into the connector marked ANT on the MG-RCV3 (refer to Figure 2.1 on page 5).
3. Remove the printed circuit board (PCB) by applying outward pressure to the mounting clips (refer to Figure 2.1 on page 5) and then lifting the PCB.
4. Using a drill or screwdriver, punch out the four mounting holes on the back cover (refer to Figure 2.1 on page 5).
5. Align the six orientation holes (refer to Figure 2.1 on page 5) of the PCB

with the six pins on the back cover and snap the PCB into place. If placed correctly, the antenna will lean directly over the groove in the back cover.

6. Temporarily mount the MG-RCV3 in its proposed location (refer to section 2.1 on page 2) with masking tape or any other temporary adhesive.
7. If connecting the MG-RCV3 to an Esprit control panel, connect the module to the control panel in a star or daisy chain configuration (refer to Figure 2.2 on page 6). When used as a stand-alone module, connect the module using an external 12Vdc power supply that is equipped with a backup battery connector (refer to Figure 2.3 on page 7).
8. Verify the environment noise surrounding the MG-RCV3 (refer to section 2.2 on page 3).
9. Assign the users and/or remote controls, and then program the remote control buttons (refer to section 4.3 on page 11).
10. Test the location of the MG-RCV3 by performing an action using an assigned remote control from a typical distance and location.
11. Permanently mount the MG-RCV3.

Do not cut, bend, or alter the antenna. Ensure that the electrical wires do not cross over the antenna when connected.

Figure 2.1: Mounting

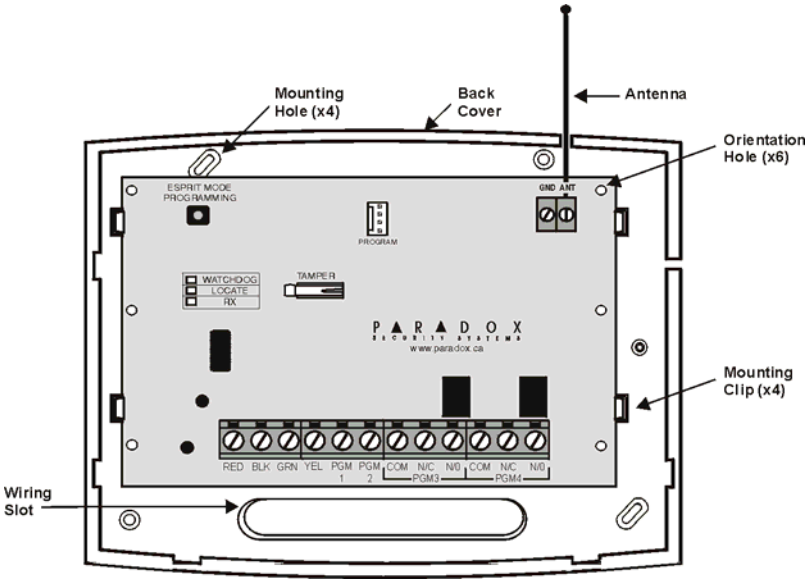


Figure 2.2: Connection with an Esprit Control Panel

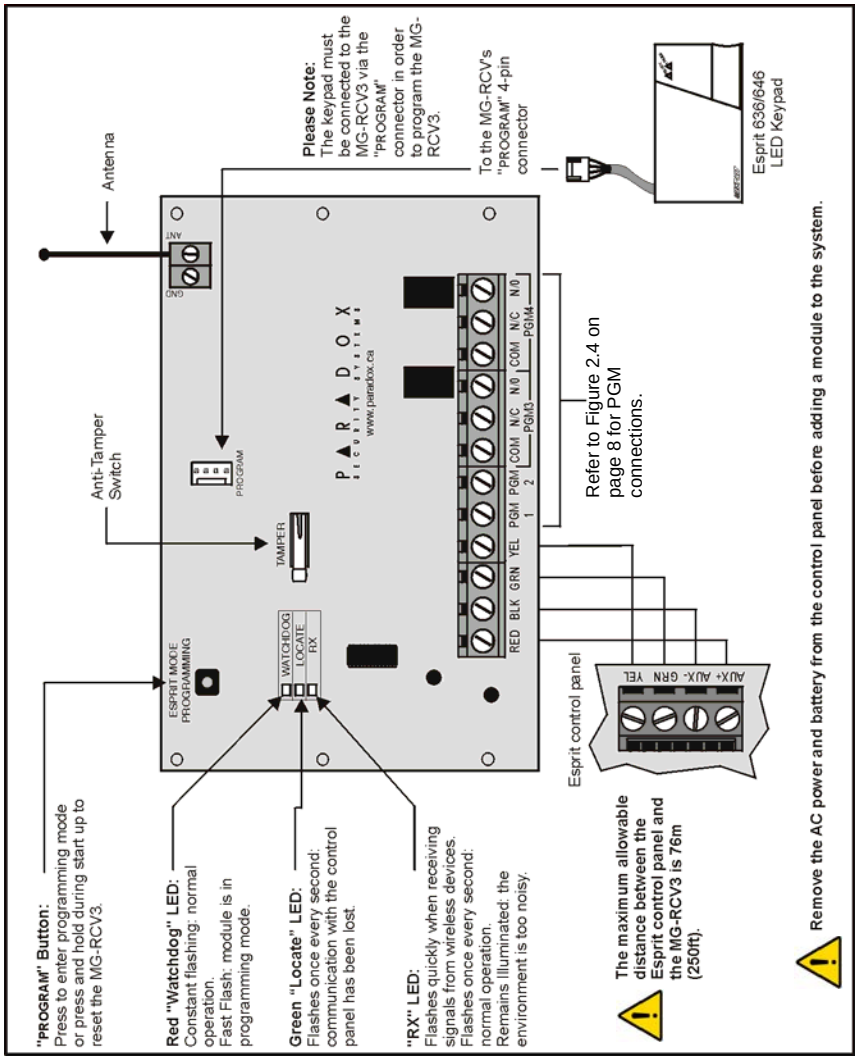

"PROGRAM" Button:
Press to enter programming mode or press and hold during start up to reset the MG-RCV3.
Red "Watchdog" LED:
Constant flashing: normal operation.
Fast Flash: module is in programming mode.
Green "Locate" LED:
Flashes once every second: communication with the control panel has been lost.
"RX" LED:
Flashes quickly when receiving signals from wireless devices.
Flashes once every second: normal operation.
Remains Illuminated: the environment is too noisy.
Anti-Tamper Switch
Antenna
Please Note:
The keypad must be connected to the MG-RCV3 via the "PROGRAM" connector in order to program the MG-RCV3.
To the MG-RCV's "PROGRAM" 4-pin connector
Esprit 636/646 LED Keypad
Refer to Figure 2.4 on page 8 for PGM connections.
Esprit control panel
The maximum allowable distance between the Esprit control panel and the MG-RCV3 is 76m (250ft).
Remove the AC power and battery from the control panel before adding a module to the system.
ESPRIT MODE PROGRAMMING
WATCHDOG
LOCATE
RX
TAMPER
PROGRAM
ANT
GND
PARADOX
www.paradox.ca
RED BLK GRN YEL PGM PGM COM N/C N/O COM N/C N/O
PGM3
PGM4
AUX+ AUX- GRN YEL

Figure 2.3: Stand-Alone Connection

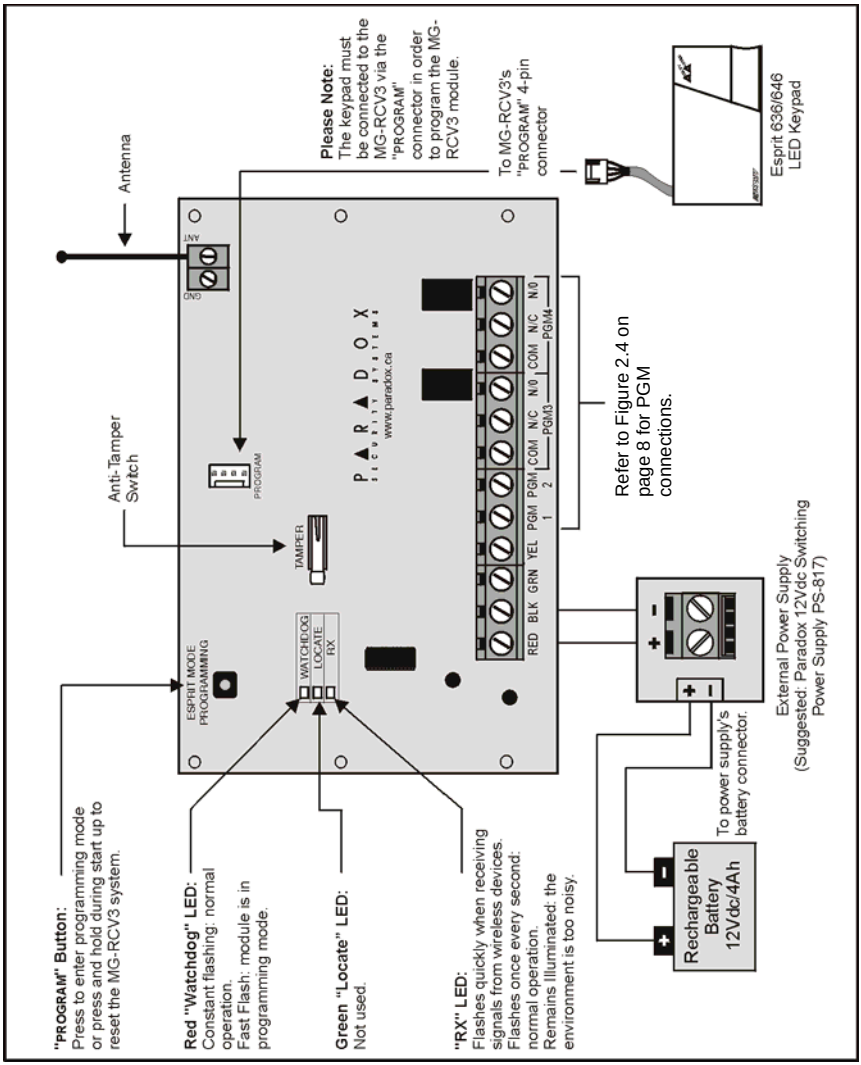
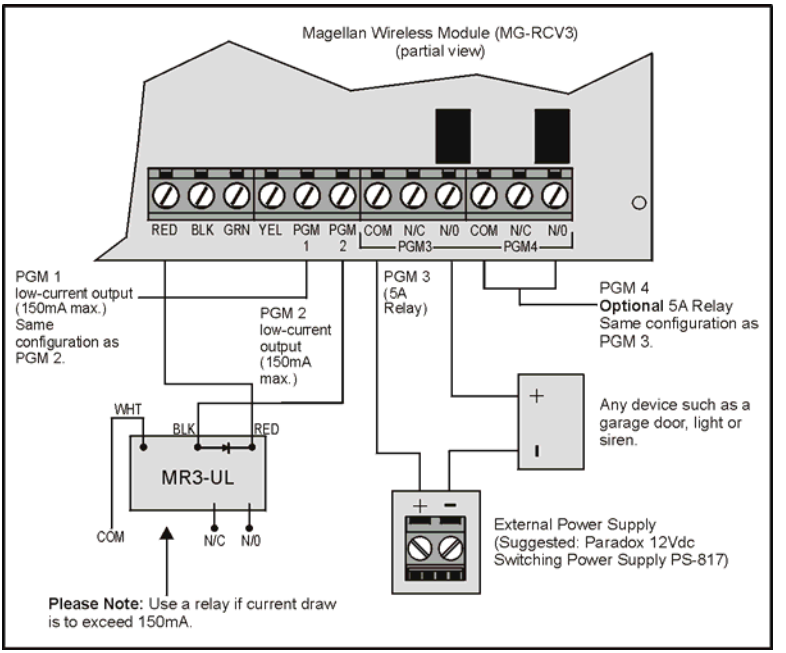

Antenna
Please Note: The keypad must be connected to the MG-RCV3 via the "PROGRAM" connector in order to program the MG-RCV3 module.
To MG-RCV3's "PROGRAM" 4-pin connector
Esprit 636/646 LED Keypad
Anti-Tamper Switch
"PROGRAM" Button: Press to enter programming mode or press and hold during start up to reset the MG-RCV3 system.
Red "Watchdog" LED: Constant flashing: normal operation. Fast Flash: module is in programming mode.
Green "Locate" LED: Not used.
"RX" LED: Flashes quickly when receiving signals from wireless devices. Flashes once every second: normal operation. Remains Illuminated: the environment is too noisy.
Refer to Figure 2.4 on page 8 for PGM connections.
To power supply's battery connector.
Rechargeable Battery 12Vdc/4Ah
External Power Supply (Suggested: Paradox 12Vdc Switching Power Supply PS-817)
ANT
GND
ESPRIT MODE PROGRAMMING
WATCHDOG
LOCATE
RX
TAMPER
PROGRAM
PARADOX
www.paradox.ca
RED BLK GRN YEL PGM PGM COM N/C N/O COM N/C N/O
1 2 PGM3 PGM4

Figure 2.4: PGM Connections


Magellan Wireless Module (MG-RCV3)
(partial view)
RED BLK GRN YEL PGM 1 PGM 2 COM N/C N/0 COM N/C N/0
PGM3
PGM4
PGM 1 low-current output (150mA max.) Same configuration as PGM 2.
PGM 2 low-current output (150mA max.)
PGM 3 (5A Relay)
PGM 4 Optional 5A Relay Same configuration as PGM 3.
Any device such as a garage door, light or siren.
WHT
BLK
RED
MR3-UL
COM
N/C
N/0
External Power Supply (Suggested: Paradox 12Vdc Switching Power Supply PS-817)
Please Note: Use a relay if current draw is to exceed 150mA.

3.0 About Programming

When programming a MG-RCV3 that is connected to an Esprit security system, all the programming sections detailed in this manual apply. When programming a MG-RCV3 in stand-alone mode, only the sections detailed in Table 3.1 on page 9 apply.

Please note that a programming section is empty when the keypad's [2ND] key flashes.

Table 3.1: Stand-Alone Programming Sections

Section
[00]
[09] to [16]
[17] to [24]: options [4], [5], [6], [7]
[27] to [30]
[31] to [34]
[35]: option [1]

3.1 Programming Methods

When connected to an Esprit security system, or in stand-alone mode, the MG-RCV3 is programmed using an Esprit 636 or 646 LED keypad. The MG-RCV3 is programmed using a combination of the Decimal Select and Feature Select Programming methods.

3.1.1 Decimal Select Programming

Sections [25] to [30] represent one feature and keys [0] to [8] represent a specific setting for the feature. Unlike Feature Select Programming (refer to section 3.1.2), only one setting can be selected. When using Esprit 636 or 646 keypads, the keys display the selected setting by illuminating the corresponding key. Press the key representing the desired setting and then press **[ENTER]** to save.

3.1.2 Feature Select Programming

In sections [17] to [24] and [31] to [35], keys [1] to [8] correspond to a specific feature or option. When using Esprit 636 or 646 keypads, the keys display the ON/OFF status of the features by illuminating when the feature is ON. Press the keys corresponding to the desired options and then press **[ENTER]** to save.

3.2 How To Program

How to program.
1. Press the MG-RCV3's "PROGRAM" button (refer to Figure 2.2 on page 6).
2. Press the **[ENTER]** key.
3. Enter **[INSTALLER CODE]** (default code: 757575)
4. Enter the desired **[SECTION NUMBER]**.
5. Enter the required data.
6. Press **[ENTER]**.

4.0 Programming

4.1 Set Code Length

SECTION **[35]**: OPTION **[1]**

Set the MG-RCV3 to accept either four- or six-digit user and installer codes.

How to set the access code length.
In step 4 in section 3.2 on page 10:
1. Enter section **[35]**.
2. Enable or disable option **[1]**.
   Option [1] **OFF** = 4-digit codes
   Option [1] **ON** = 6-digit codes (default)
3. Press **[ENTER]**.

This option must be set to the same setting as in the Esprit control panel (address 088, key [9]).

4.2 Set Installer Code

SECTION **[00]**

The installer code (default: 757575) allows a user to program all the functions and features pertaining to the MG-RCV3. The installer code can be either four- or six-digits in length (refer to section 4.1 on page 10) and each digit can be any value between zero and nine.

How to set the installer code.
In step 4 in section 3.2 on page 10:

1. Enter section **[00]**.
2. Enter the **[NEW INSTALLER CODE]**.
3. Press **[ENTER]**.

4.3 User Parameters

The MG-RCV3 supports up to eight users and eight remote controls. When connected to an Esprit control panel, each of the following user parameters must be performed for every MG-RCV3 user. In stand-alone mode, assigning a user to the MG-RCV3 does not apply. Refer to Table 4.1 on page 11 for the relationship between the user parameter sections.

- Assign the user to the MG-RCV3
- Assign a remote control
- Define the remote control buttons

Table 4.1: User Parameter Sections

User # / RC #	Assign User To Module (Esprit mode only)	Assign Remote Control	Define Remote Control Buttons
1	[01]	[09]	[17]
2	[02]	[10]	[18]
3	[03]	[11]	[19]
4	[04]	[12]	[20]
5	[05]	[13]	[21]
6	[06]	[14]	[22]
7	[07]	[15]	[23]
8	[08]	[16]	[24]

4.3.1 Assign a User to the MG-RCV3 (Esprit mode only)

SECTIONS **[01]** TO **[08]**

When a user presses a remote control's button, the MG-RCV3 transmits the corresponding user code to the Esprit control panel. The control panel must receive a valid user code in order to process the action. Sections [01] to [08] represent users 1 to 8 respectively (refer to Table 4.1 on page 11).

How to assign a user to the MG-RCV3.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[01]** and **[08]**.
2. Enter the **[USER CODE]**.
3. Press **[ENTER]**.

The user code entered in sections [01] to [08] must match the same user's code programmed in the Esprit control panel.

4.3.2 Assign a Remote Control

SECTIONS **[09]** TO **[16]**

When connected to an Esprit control panel, assign up to eight Omnia remote controls to users in the Esprit security system, whereby sections [09] to [16] correspond to users 1 to 8 respectively (refer to Table 4.1 on page 11). Each time a remote control's button is pressed, it transmits its RF code to the MG-RCV3, which contains the corresponding user information. In stand-alone mode, assign up to eight remote controls to the module, whereby sections [09] to [16] represent remote controls 1 to 8 (refer to Table 4.1 on page 11).

How to assign a remote control.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[09]** and **[16]**.
2. Press **[ENTER]**. The keypad's "Ready" and "Arm" lights will illuminate.
3. Press and hold any button on the remote control until the keypad beeps twice to confirm. If the keypad doesn't beep, repeat the step until it does.
4. Press **[ENTER]**.

If a rejection beep is heard (“Beeeeeeeeeeeep”), the remote control assignment was not successful. The remote control may already be assigned.

4.3.3 Program the Remote Control Buttons

SECTIONS **[17]** TO **[24]**

Sections [17] to [24] correspond to remote controls 1 to 8 (refer to Table 4.1 on page 11). Program the remote control buttons to perform a specific action. Enable or disable options [1] to [8] (refer to Table 4.3 on page 14) by pressing the corresponding keypad key.

How to program a remote control’s buttons.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[17]** and **[24]**.
2. Enable or disable options **[1]** to **[8]** (refer to Table 4.3 on page 14).
3. Press **[ENTER]**.

Figure 4.2: Remote Control Button Identification

MG-REM1

The + , + and + button combinations do not function with the MG-REM1 remote control and therefore cannot be programmed.

Table 4.3: Remote Control Button Options

RC Button Arming / Disarming* Options (Esprit mode only)			
Key **[1]**	Key **[2]**	Key **[3]**	**Definition**
Off	Off	Off	No Arm or Disarm
On	Off	Off	Button = Regular Arm*
Off	On	Off	Button = Regular Arm*
On	On	Off	Button = Regular Arm* Button = Regular Arm*
Off	Off	On	Button = Instant Arm*
On	Off	On	Button = Instant Arm* Button = Stay Arm*
Off	On	On	Button = Regular Arm* Button = Stay Arm*
On	On	On	Button = Stay Arm*

RC Button PGM Enabling (refer to section 4.4 on page 15)
Key **[4]** OFF = Disabled Key **[4]** ON = Button PGM Enabled (default)
Key **[5]** OFF = Disabled Key **[5]** ON = Button PGM Enabled (default)
Key **[6]** OFF = Disabled Key **[6]** ON = Button PGM Enabled (default)
Key **[7]** OFF = Disabled Key **[7]** ON = Button PGM Enabled (default)

RC Button Panic Options (Esprit mode only)
Key **[8]** OFF Panic Disabled Key **[8]** ON Panic Enabled (default)

**** = Press the same button again to disarm. For example, if you pressed the button to Regular arm, press the same button again to disarm.***

4.4 Remote Control Button PGM Options

SECTIONS **[31]** TO **[34]**: OPTIONS **[1]** TO **[4]**

If a remote control's buttons have the PGM feature enabled (refer to Table 4.3 on page 14), this feature determines which PGM outputs the respective buttons will activate. Each remote control button can be programmed to activate a different PGM. Sections [31] to [34] correspond to remote control buttons 🔒 to ➡ respectively (refer to Figure 4.2 on page 13). In the section corresponding to the desired remote control button, select which PGM output will be triggered by enabling and disabling options [1] to [4] (refer to Table 4.4 on page 15).

This feature is a global feature, therefore if button 🔒 is programmed to toggle the PGM 3 output, then button 🔒 on all remote controls will toggle the PGM 3 output.

How to set the RC button PGM options.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[31]** and **[34]**.
2. Enable or disable options **[1]** to **[4]** (refer to Table 4.4 on page 15).
3. Press **[ENTER]**.

Table 4.4: RC Button PGM Options

Key **[1]** OFF	= Disabled
Key **[1]** ON	= Activate PGM 1 output
Key **[2]** OFF	= Disabled
Key **[2]** ON	= Activate PGM 2 output
Key **[3]** OFF	= Disabled
Key **[3]** ON	= Activate PGM 3 output
Key **[4]** OFF	= Disabled
Key **[4]** ON	= Activate PGM 4 output

4.5 Delete an Assigned User (Esprit mode only)

SECTIONS **[01]** TO **[08]**

Sections [01] to [08] correspond to users 1 to 8 respectively.

How to delete an assigned user.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[01]** and **[08]**.
2. Press **[2ND]**.
3. Press **[ENTER]**.

4.6 Delete an Assigned Remote Control

SECTIONS **[09]** TO **[16]**

Sections [09] to [16] correspond to remote controls 1 to 8 respectively.

How to delete an assigned remote control.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[09]** and **[16]**.
2. Press **[2ND]**.
3. Press **[ENTER]**.

5.0 Programmable Outputs (PGMs)

The MG-RCV3 provides four on-board PGM outputs, which can be used for a variety of home/office automation applications such as opening a garage door when a remote control button is pressed. For the PGM locations, refer to Figure 2.4 on page 8.

- PGM 1 and PGM 2: Two 150mA PGM transistor outputs
- PGM 3: Form “C” relay output rated at 5A/28Vdc, N.O./N.C
- PGM 4: Optional form “C” relay output rated at 5A/28Vdc, N.O./N.C

5.1 PGM Connection

The PGMs are connected as detailed in Figure 2.4 on page 8.

5.2 PGM Output Timer

SECTIONS **[27]** TO **[30]**

This feature determines whether an activated PGM will toggle back to its original state after a specified time period has elapsed or when toggled (latched) manually. Each PGM output can be programmed with a unique output timer. Sections [27] to [30] correspond to PGM 1 to PGM 4 respectively. In the section corresponding to the desired PGM, enable one of the options from [0] to [8] (refer to Table 5.1 on page 17) by pressing the corresponding keypad key.

How to set the PGM output timer.
In step 4 in section 3.2 on page 10:

1. Enter a section number between **[27]** and **[30]**.
2. Enable only one option from **[0]** to **[8]** (refer to Table 5.1 on page 17).
3. Press **[ENTER]**.

Table 5.1: PGM Output Timer

Key **[0]** ON	= Latched
Key **[1]** ON	= 1 second
Key **[2]** ON	= 5 seconds (default)
Key **[3]** ON	= 10 seconds
Key **[4]** ON	= 20 seconds
Key **[5]** ON	= 40 seconds
Key **[6]** ON	= 60 seconds
Key **[7]** ON	= 2 minutes
Key **[8]** ON	= 4 minutes

6.0 Panic Alarm Programming

If the panic alarm feature is enabled for the remote control (refer to section 4.3.3 on page 13), pressing buttons ⏻ + ➡ (refer to Figure 4.2 on page 13) simultaneously will generate a panic alarm.

6.1 Panic Output Programming (Esprit mode only)

SECTION **[25]**: OPTIONS **[0]** TO **[4]**

When a remote control activates a panic alarm, the MG-RCV3 can be programmed to activate one of the four on-board PGM outputs. Enable one of the options from [0] to [4] (refer to Table 6.1 on page 18) by pressing the corresponding keypad key.

How to program the panic outputs.
In step 4 in section 3.2 on page 10:

1. Enter section **[25]**.
2. Enable only one option from **[0]** to **[4]** (refer to Table 6.1 on page 18).
3. Press **[ENTER]**.

Table 6.1: Panic Outputs

Key **[0]** ON	= No PGM output on panic alarm
Key **[1]** ON	= Toggle PGM 1 on panic alarm
Key **[2]** ON	= Toggle PGM 2 on panic alarm
Key **[3]** ON	= Toggle PGM 3 on panic alarm (default)
Key **[4]** ON	= Toggle PGM 4 on panic alarm

6.2 Panic Lockout Timer (Esprit mode only)

SECTION **[26]**: OPTIONS **[0]** TO **[4]**

When a remote control activates a panic alarm, the MG-RCV3 can be programmed to ignore any incoming remote control (RF) signals for a specified time period. Enable one option from [0] to [4] (refer to Table 6.2 on page 19) by pressing the corresponding keypad key.

How to set the panic lockout timer.
In step 4 in section 3.2 on page 10:

1. Enter section **[26]**.
2. Enable only one option from **[0]** to **[4]** (refer to Table 6.2 on page 19).
3. Press **[ENTER]**.

Table 6.2: Panic Lockout Timer

Key **[0]** ON	= No RF signal lockout on panic alarm (default)
Key **[1]** ON	= 30-second RF signal lockout on panic alarm
Key **[2]** ON	= 60-second RF signal lockout on panic alarm
Key **[3]** ON	= 90-second RF signal lockout on panic alarm
Key **[4]** ON	= 120-second RF signal lockout on panic alarm

6.3 Panic Alarm PGM Option (Esprit mode only)

SECTION **[35]**: OPTION **[2]**

When a remote control activates a panic alarm, the MG-RCV3 can either toggle only the remote control's enabled PGM output (refer to section 6.1 on page 18) or toggle the remote control's enabled PGM output and send a panic alarm code to the Esprit control panel.

How to set the panic alarm PGM option.
In step 4 in section 3.2 on page 10:

1. Enter section **[35]**.
2. Enable or disable option **[2]**.
   Option [2] **OFF** = Toggle the enabled PGM output only.
   Option [2] **ON** = Toggle the enabled PGM output and send a panic alarm code.
3. Press **[ENTER]**.

7.0 System Reset

Performing a system reset will reset all the MG-RCV3 sections to their factory default settings.

How to reset the MG-RCV3.

1. Remove the power connections from the MG-RCV3 ("RED" and "BLK").
2. Press and hold the MG-RCV3's "PROGRAM" button (refer to Figure 2.2 on page 6) while reconnecting the power connections to the MG-RCV3. The keypad will beep.
3. Wait approximately 1 second and release the "PROGRAM" button. The MG-RCV3's red LED will flash quickly for approximately 5 seconds.

8.0 List of Programming Sections

Section	Description
[00]	Set the installer code
[01] to **[08]**	Assign a user to the MG-RCV3
[09] to **[16]**	• Assign a remote control • Delete an assigned remote control
[17] to **[24]**	**Remote Control Button Programming** Options [1] to [3]: Remote control arming options Option [4]: Enable button PGM Option [5]: Enable button PGM Option [6]: Enable button PGM Option [7]: Enable button PGM Option [8]: Enable Panic
[25]	**Panic Alarm Outputs** Option [0]: No PGM output on panic alarm Option [1]: Toggle PGM 1 on panic alarm Option [2]: Toggle PGM 2 on panic alarm Option [3]: Toggle PGM 3 on panic alarm Option [4]: Toggle PGM 4 on panic alarm

Section	Description
[26]	**Panic Alarm Lockout Timer** Option [0]: No RF signal lockout on panic alarm Option [1]: 30-second RF signal lockout on panic alarm Option [2]: 60-second RF signal lockout on panic alarm Option [3]: 90-second RF signal lockout on panic alarm Option [4]: 120-second RF signal lockout on panic alarm
[27] to **[30]**	**PGM Output Timers** Option [0]: Latched Option [1]: 1 second Option [2]: 5 seconds Option [3]: 10 seconds Option [4]: 20 seconds Option [5]: 40 seconds Option [6]: 60 seconds Option [7]: 2 minutes Option [8]: 4 minutes
[31] to **[34]**	**RC Button PGM Options** Option [1]: Activate PGM 1 output Option [2]: Activate PGM 2 output Option [3]: Activate PGM 3 output Option [4]: Activate PGM 4 output
[35]	Option [1]: Set the access code length Option [2]: Set the panic alarm PGM option

Warranty

Paradox Security Systems Ltd. (“Seller”) warrants its products to be free from defects in materials and workmanship under normal use for a period of one year. Except as specifically stated herein, all express or implied warranties whatsoever, statutory or otherwise, including without limitation, any implied warranty of merchantability and fitness for a particular purpose, are expressly excluded. Because Seller does not install or connect the products and because the products may be used in conjunction with products not manufactured by Seller, Seller cannot guarantee the performance of the security system and shall not be responsible for circumstances resulting from the product’s inability to operate. Seller obligation and liability under this warranty is expressly limited to repairing or replacing, at Seller's option, any product not meeting the specifications. Returns must include proof of purchase and be within the warranty period. In no event shall the Seller be liable to the buyer or any other person for any loss or damages whether direct or indirect or consequential or incidental, including without limitation, any damages for lost profits stolen goods, or claims by any other party, caused by defective goods or otherwise arising from the improper, incorrect or otherwise faulty installation or use of the merchandise sold.

Notwithstanding the preceding paragraph, the Seller’s maximum liability will be strictly limited to the purchase price of the defective product. Your use of this product signifies your acceptance of this warranty.

*BEWARE: Dealers, installers and/or others selling the product are not authorized to modify this warranty or make additional warranties that are binding on the Seller.

For 433MHz Magellan remote controls:
FCC ID: KDYOMNRCT1
Canada: 2438A-OMNRCT1
The MG-REM1 complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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